

Title (en)

SWIRLER ASSEMBLY FOR FUEL NOZZLE

Title (de)

DRALLVORRICHTUNG FÜR KRAFTSTOFFDÜSE

Title (fr)

ENSEMBLE VRILLE POUR INJECTEUR DE CARBURANT

Publication

EP 3967929 B1 20240612 (EN)

Application

EP 21196928 A 20210915

Priority

US 202017021199 A 20200915

Abstract (en)

[origin: EP3967929A1] A guide plate (204) for a swirler assembly (200) is disclosed. In various embodiments, the guide plate (204) includes a guide plate flange (224) configured for engagement with a swirler body (202) having a plurality of primary swirler inlets (212); and a first plurality of purge holes (450) extending through the guide plate flange (224) and configured to introduce a first vectored purge flow into the swirler body (202).

IPC 8 full level

F23R 3/14 (2006.01); **F23R 3/28** (2006.01)

CPC (source: EP US)

B05B 7/10 (2013.01 - US); **F23D 11/383** (2013.01 - US); **F23R 3/14** (2013.01 - EP); **F23R 3/286** (2013.01 - EP); **F23D 2900/14241** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3967929 A1 20220316; **EP 3967929 B1 20240612**; US 12011734 B2 20240618; US 2022082258 A1 20220317

DOCDB simple family (application)

EP 21196928 A 20210915; US 202017021199 A 20200915